# TRELLIS

# USER MANUAL

# NOVEMBER 20, 2012

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# 1.0 Trellis Overview

Trellis is the electronic nomination system used by Bluestone Gathering to enter nominations and track associated imbalances. Trellis is a NAESB compliant product built on Web-based technology, making it accessible via most electronic devices that are able to connect to the internet.

## 1.1 System Requirements

For the best performance and support, it is recommended that Trellis be used on the following Browsers.

- Microsoft Internet Explorer, Version 8.0 or higher
- Mozilla Firefox, Version 8.0 or higher
- Google Chrome, Version 16.0 or higher
- Safari, Version 5.0 or higher

## 1.2 Contact Information

For any questions related to using Trellis or the use of this manual, contact the following:

- Normal Business Hours

  Linda Soulliere
  soullierel@dteenergy.com
  (313) 235-2905 – Office
  (313) 938-9173 – Cell

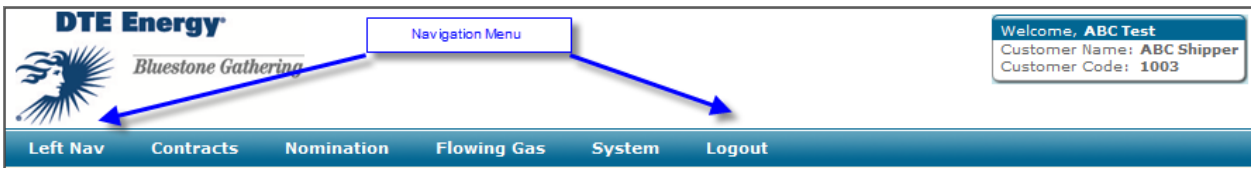
  Sandy Schmidt
  schmidts@dteenergy.com
  (313) 235-8264

- After Hours Support

  Please call (313) 235-3345

## 1.3 Navigation

Trellis is simple with the use of a constant top drop-down menu and left side menu bar that is displayed on all screens.



## 1.4 Tips

Helpful tips are displayed when hovering on icons through out the system.

Executing this icon will provide more details for the transaction selected

This is a warning message, displaying related information when cursor hovers.

Calendar widgets are used throughout the system, allowing user ability to easily change the date they wish to query.

Drop down arrow indicating that a list of values (lov) is available to choose from.

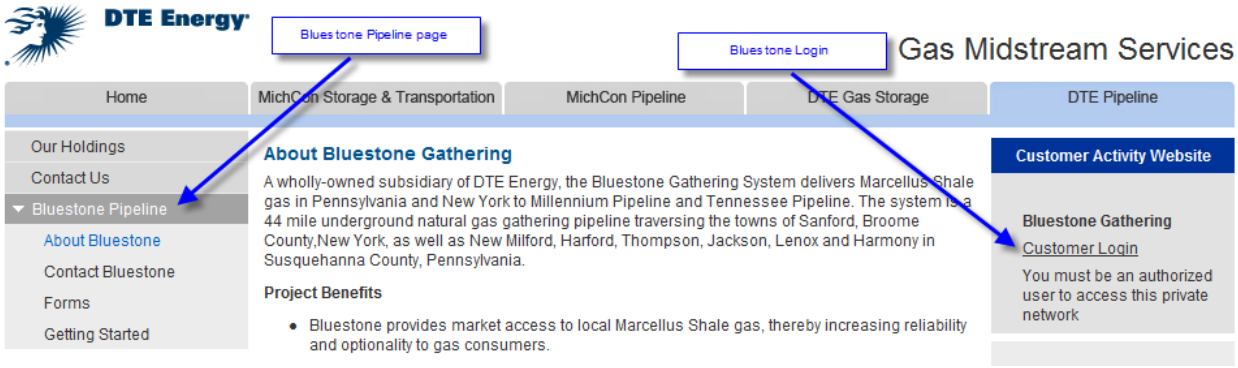
Edit button, allowing user to make changes

Delete button

# 2.0 Login Information

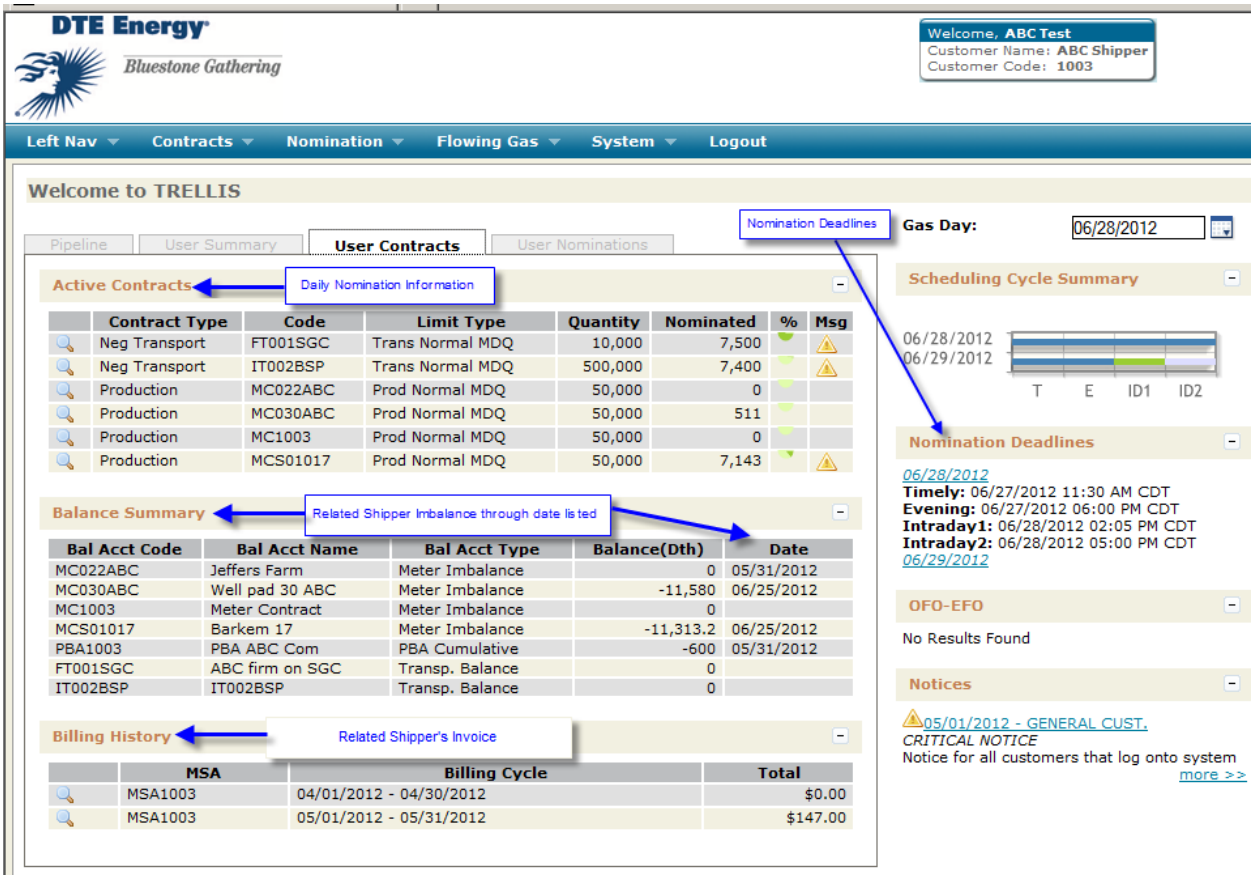
To access Trellis, go to [www.dtepipeline.com](http://www.dtepipeline.com), execute the Bluestone Pipeline from the left side pane to expand the listing. Choosing any one of the sub menus will display the Customer Activity Website for Bluestone Login.

Prior to logging into Trellis, all users must complete a user access form. Forms can be found on the left side pane under the Bluestone Pipeline.


DTE Energy
Bluestone Pipeline page
Bluestone Login
Gas Midstream Services
Home
MichCon Storage & Transportation
MichCon Pipeline
DTE Gas Storage
DTE Pipeline
Our Holdings
Contact Us
Bluestone Pipeline
About Bluestone
Contact Bluestone
Forms
Getting Started
About Bluestone Gathering
A wholly-owned subsidiary of DTE Energy, the Bluestone Gathering System delivers Marcellus Shale gas in Pennsylvania and New York to Millennium Pipeline and Tennessee Pipeline. The system is a 44 mile underground natural gas gathering pipeline traversing the towns of Sanford, Broome County,New York, as well as New Milford, Harford, Thompson, Jackson, Lenox and Harmony in Susquehanna County, Pennsylvania.
Project Benefits
Bluestone provides market access to local Marcellus Shale gas, thereby increasing reliability and optionality to gas consumers.
Customer Activity Website
Bluestone Gathering
Customer Login
You must be an authorized user to access this private network

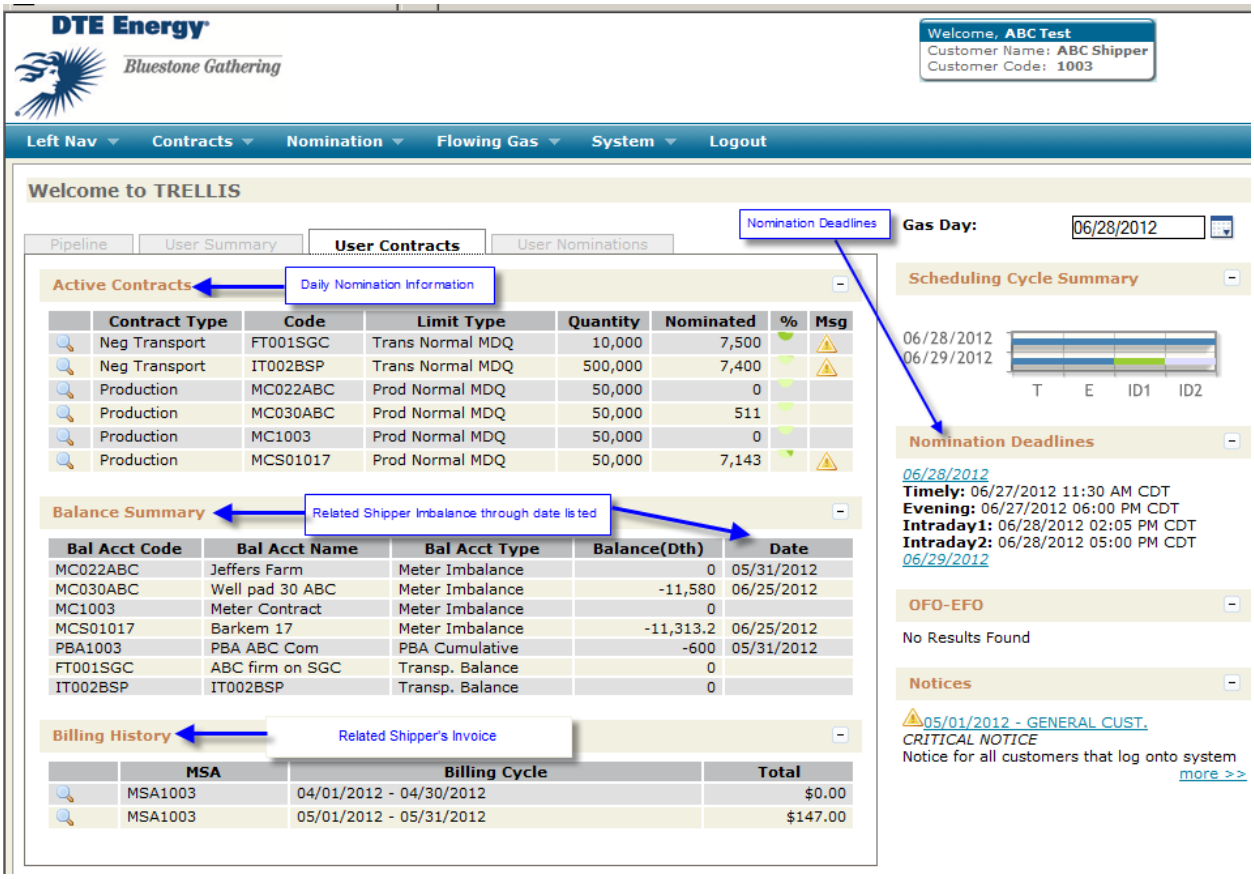
## 3.0 Landing Page

The initial home page of Trellis, also known as the Landing Page is displayed upon login. Information displayed will be specific to the User's role(s) in Trellis. The Pipeline tab represents the summation of all shipper's information at points on Bluestone. The same information from the shipper's perspective is shown on the "User Summary" tab.


DTE Energy
Bluestone Gathering
Welcome, ABC Test
Customer Name: ABC Shipper
Customer Code: 1003
Left Nav
Contracts
Nomination
Flowing Gas
System
Logout
Welcome to TRELLIS
Nomination Deadlines
Gas Day:
06/28/2012
Pipeline
User Summary
User Contracts
User Nominations
Active Contracts
Daily Nomination Information
Contract Type | Code | Limit Type | Quantity | Nominated | % | Msg
Neg Transport | FT001SGC | Trans Normal MDQ | 10,000 | 7,500
Neg Transport | IT002BSP | Trans Normal MDQ | 500,000 | 7,400
Production | MC022ABC | Prod Normal MDQ | 50,000 | 0
Production | MC030ABC | Prod Normal MDQ | 50,000 | 511
Production | MC1003 | Prod Normal MDQ | 50,000 | 0
Production | MCS01017 | Prod Normal MDQ | 50,000 | 7,143
Balance Summary
Related Shipper Imbalance through date listed
Bal Acct Code | Bal Acct Name | Bal Acct Type | Balance(Dth) | Date
MC022ABC | Jeffers Farm | Meter Imbalance | 0 | 05/31/2012
MC030ABC | Well pad 30 ABC | Meter Imbalance | -11,580 | 06/25/2012
MC1003 | Meter Contract | Meter Imbalance | 0
MCS01017 | Barkem 17 | Meter Imbalance | -11,313.2 | 06/25/2012
PBA1003 | PBA ABC Com | PBA Cumulative | -600 | 05/31/2012
FT001SGC | ABC firm on SGC | Transp. Balance | 0
IT002BSP | IT002BSP | Transp. Balance | 0
Billing History
Related Shipper's Invoice
MSA | Billing Cycle | Total
MSA1003 | 04/01/2012 - 04/30/2012 | $0.00
MSA1003 | 05/01/2012 - 05/31/2012 | $147.00
Scheduling Cycle Summary
06/28/2012
06/29/2012
T E ID1 ID2
Nomination Deadlines
06/28/2012
Timely: 06/27/2012 11:30 AM CDT
Evening: 06/27/2012 06:00 PM CDT
Intraday1: 06/28/2012 02:05 PM CDT
Intraday2: 06/28/2012 05:00 PM CDT
06/29/2012
OFO-EFO
No Results Found
Notices
05/01/2012 - GENERAL CUST.
CRITICAL NOTICE
Notice for all customers that log onto system
more >>

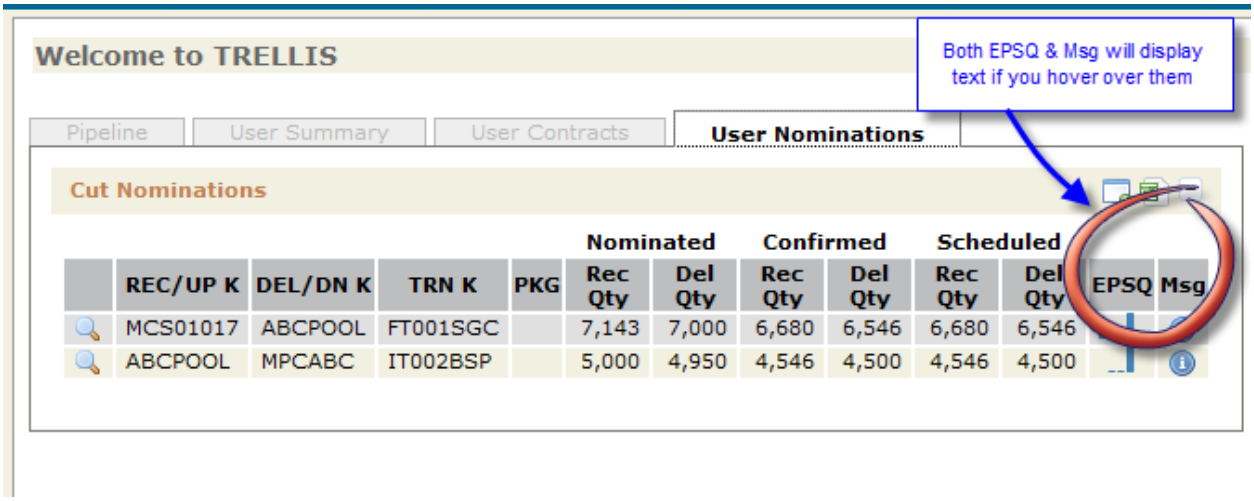
## 3.1 User Contracts Tab

This tab will display nomination and contract data, imbalances, and invoices for the customer logged in.


DTE Energy
Bluestone Gathering
Welcome, ABC Test
Customer Name: ABC Shipper
Customer Code: 1003
Left Nav
Contracts
Nomination
Flowing Gas
System
Logout
Welcome to TRELLIS
Pipeline
User Summary
User Contracts
User Nominations
Nomination Deadlines
Gas Day:
06/28/2012
Active Contracts
Daily Nomination Information
Contract Type | Code | Limit Type | Quantity | Nominated | % | Msg
Neg Transport | FT001SGC | Trans Normal MDQ | 10,000 | 7,500
Neg Transport | IT002BSP | Trans Normal MDQ | 500,000 | 7,400
Production | MC022ABC | Prod Normal MDQ | 50,000 | 0
Production | MC030ABC | Prod Normal MDQ | 50,000 | 511
Production | MC1003 | Prod Normal MDQ | 50,000 | 0
Production | MCS01017 | Prod Normal MDQ | 50,000 | 7,143
Balance Summary
Related Shipper Imbalance through date listed
Bal Acct Code | Bal Acct Name | Bal Acct Type | Balance(Dth) | Date
MC022ABC | Jeffers Farm | Meter Imbalance | 0 | 05/31/2012
MC030ABC | Well pad 30 ABC | Meter Imbalance | -11,580 | 06/25/2012
MC1003 | Meter Contract | Meter Imbalance | 0
MCS01017 | Barkem 17 | Meter Imbalance | -11,313.2 | 06/25/2012
PBA1003 | PBA ABC Com | PBA Cumulative | -600 | 05/31/2012
FT001SGC | ABC firm on SGC | Transp. Balance | 0
IT002BSP | IT002BSP | Transp. Balance | 0
Billing History
Related Shipper's Invoice
MSA | Billing Cycle | Total
MSA1003 | 04/01/2012 - 04/30/2012 | $0.00
MSA1003 | 05/01/2012 - 05/31/2012 | $147.00
Scheduling Cycle Summary
06/28/2012
06/29/2012
T
E
ID1
ID2
Nomination Deadlines
06/28/2012
Timely: 06/27/2012 11:30 AM CDT
Evening: 06/27/2012 06:00 PM CDT
Intraday1: 06/28/2012 02:05 PM CDT
Intraday2: 06/28/2012 05:00 PM CDT
06/29/2012
OFO-EFO
No Results Found
Notices
05/01/2012 - GENERAL CUST.
CRITICAL NOTICE
Notice for all customers that log onto system
more >>

### 3.2 User Nominations Tab

This tab will display nominations that have been cut for the day selected.

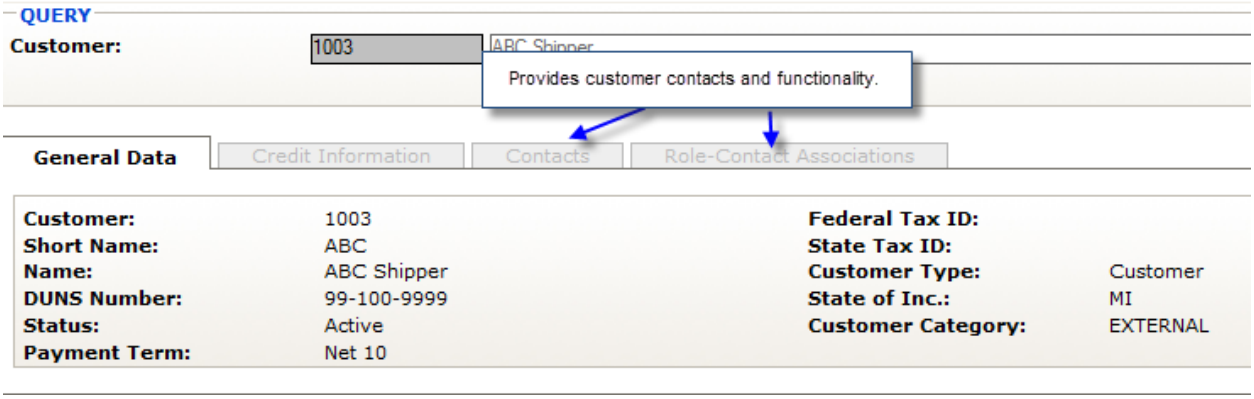



## 4.0 Contracts

Customer and contract specifics are available within this menu.

## 4.1 Customer Menu

Displays administrative information about customer and contacts.

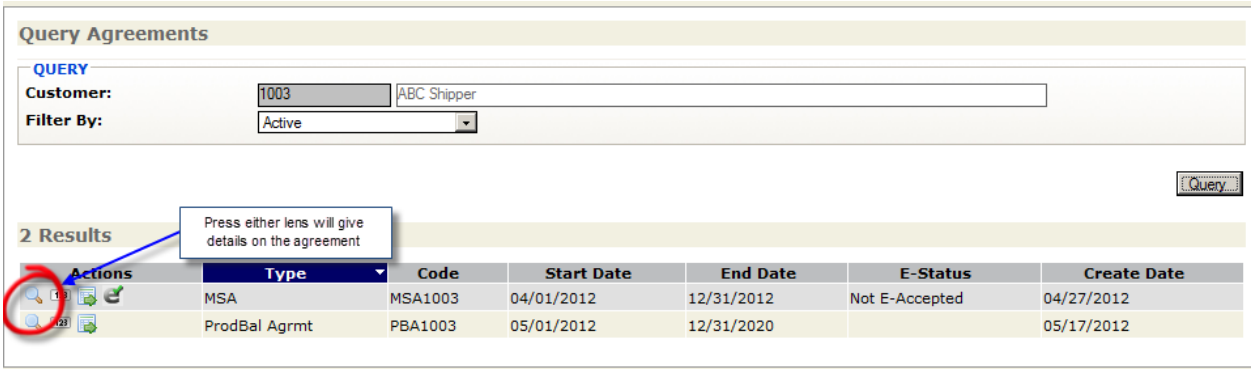


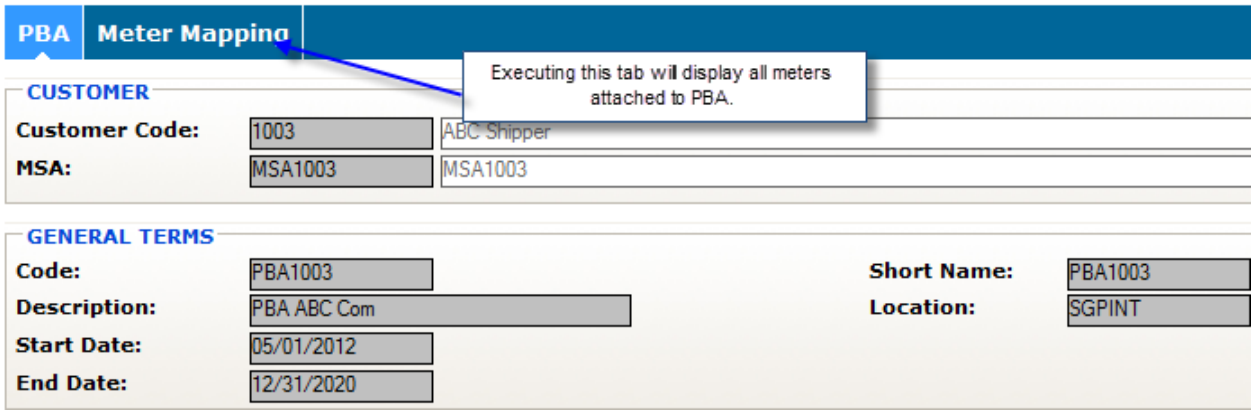

## 4.2 Agreements

Details will be displayed for all agreements that the customer has within Trellis.

Examples of Agreements held in Trellis are:

- Master Service Agreement (MSA) – system requirement for each active customer.
- Production Balancing Agreement (PBA) – system requirement, identifying meter contracts that are included in the imbalance calculation.

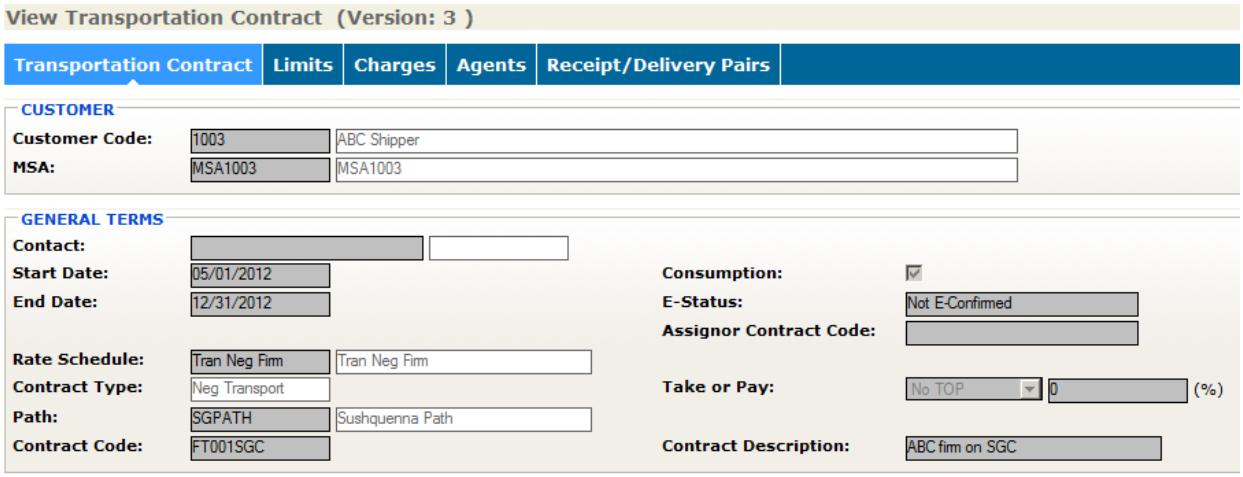

Query Agreements
QUERY
Customer: 1003 ABC Shipper
Filter By: Active
Query
2 Results
Press either lens will give details on the agreement
Actions | Type | Code | Start Date | End Date | E-Status | Create Date
MSA | MSA1003 | 04/01/2012 | 12/31/2012 | Not E-Accepted | 04/27/2012
ProdBal Agrmt | PBA1003 | 05/01/2012 | 12/31/2020 | | 05/17/2012



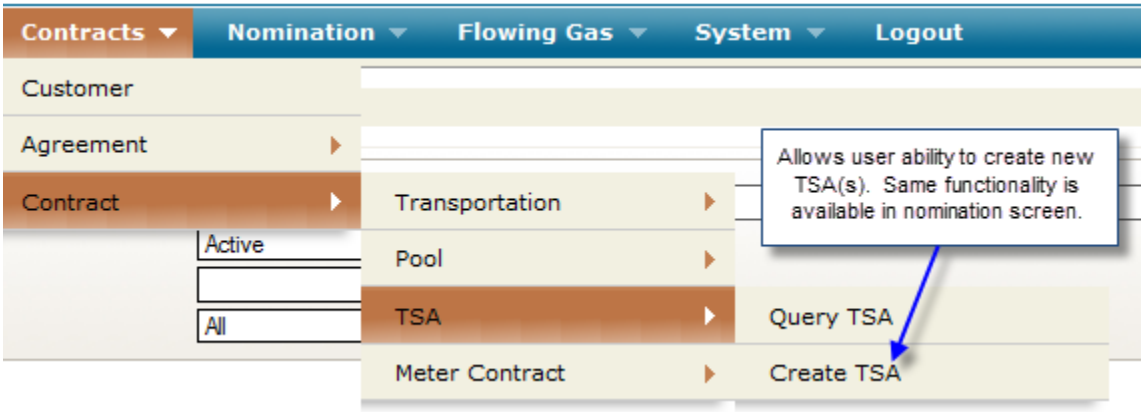
## 4.3 Contracts

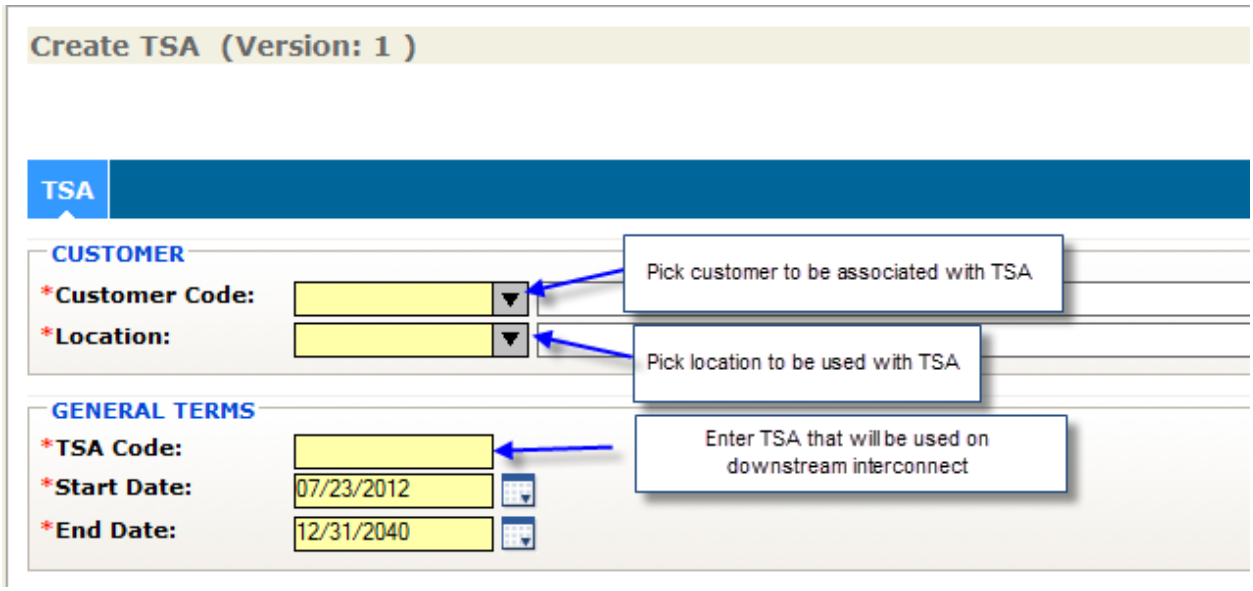
Details will be displayed for all contracts that customer has within Trellis. Contract types are:

- Transportation – Details including limits/Mdq(s), charge types, and receipt and delivery locations are available for Firm and Interruptible services.




- Pool – Details around the pooling contract (pooling point) used to link Susquehanna gathering and Bluestone Pipeline.
- TSA – Transportation Service Agreements (TSAs) used as the downstream contracts at the interconnects. Existing contracts can be queried for the entity logged. Users have the ability to create TSA(s) for both themselves or for another entity that is active in Trellis.





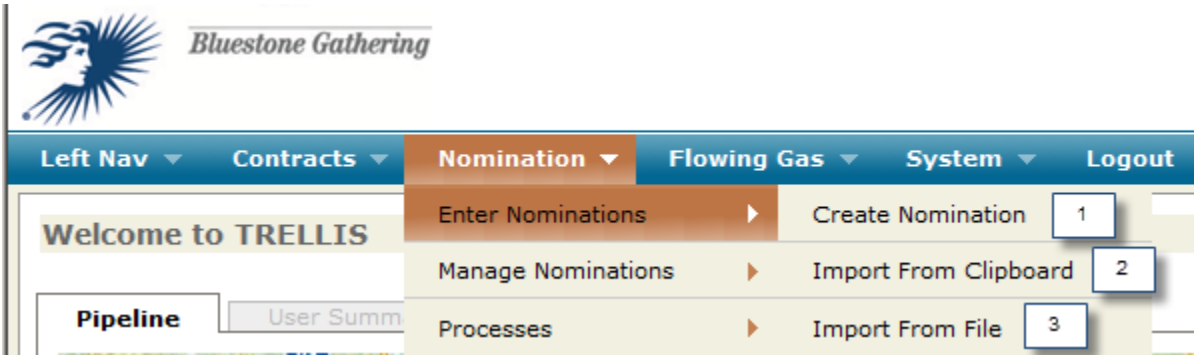

- Meter Contracts – Details including limits/Mdq(s) and charge types.

## 5.0 Nominations

Nominations within Trellis follow a path, threaded model requiring each nomination to have a 1 (supply) to 1(market) to 1 (path) submission and can be entered for a date range or a single gas day.

### 5.1 New Nominations

Trellis offers three methods for users to enter their nominations:




Note, timely nominations must be resubmitted to change the “Rank” or “Volume” overlaying the previous submitted nomination. This is also true for new intra-day nominations that require changes prior to the next nomination cycle.

### 5.1.1 Create Nomination

This is a manual process that requires the user to enter each field as indicated by the yellow fields. Fields can be entered in any order; however, the "Transport" field will not become enabled until the "Contract" field for both the Receipt/Up and Delivery/Down blocks are selected.

A. Gas Day – Enter the gas day(s) or select from the calendar widget for the nomination submission using the required format of mm/dd/yyyy.
B. Receipt Contract – Enter the receipt contract or pick from the list of values lov using the drop down arrow. Once selected, "Point" and "Up Entity" will populate based on selection.

**Please select a row from the table below:**

| Code | Type Name | Location | Start Date | End Date | Name |
|---|---|---|---|---|---|
| ABCPOOL | Bluestone Pool | BSPINT | 05/01/2012 | 12/31/2020 | ABCPOOL |
| ABCTGP1 | InterconnectTSA | LAKE LOOM | 05/22/2012 | 03/31/2019 | ABCTGP1 |
| MC022ABC | Production | SGPINT | 05/01/2012 | 12/31/2020 | Jeffers Farm |
| MC030ABC | Production | SGPINT | 06/01/2012 | 12/31/2012 | Well pad 30 ABC |
| MC1003 | Production | SGPINT | 04/01/2012 | 12/31/2012 | Meter Contract |
| MCS01017 | Production | SGPINT | 06/20/2012 | 12/31/2012 | Barkem 17 |
| MPCABC | InterconnectTSA | SANFORD | 06/28/2012 | 03/31/2019 | MPCABC |

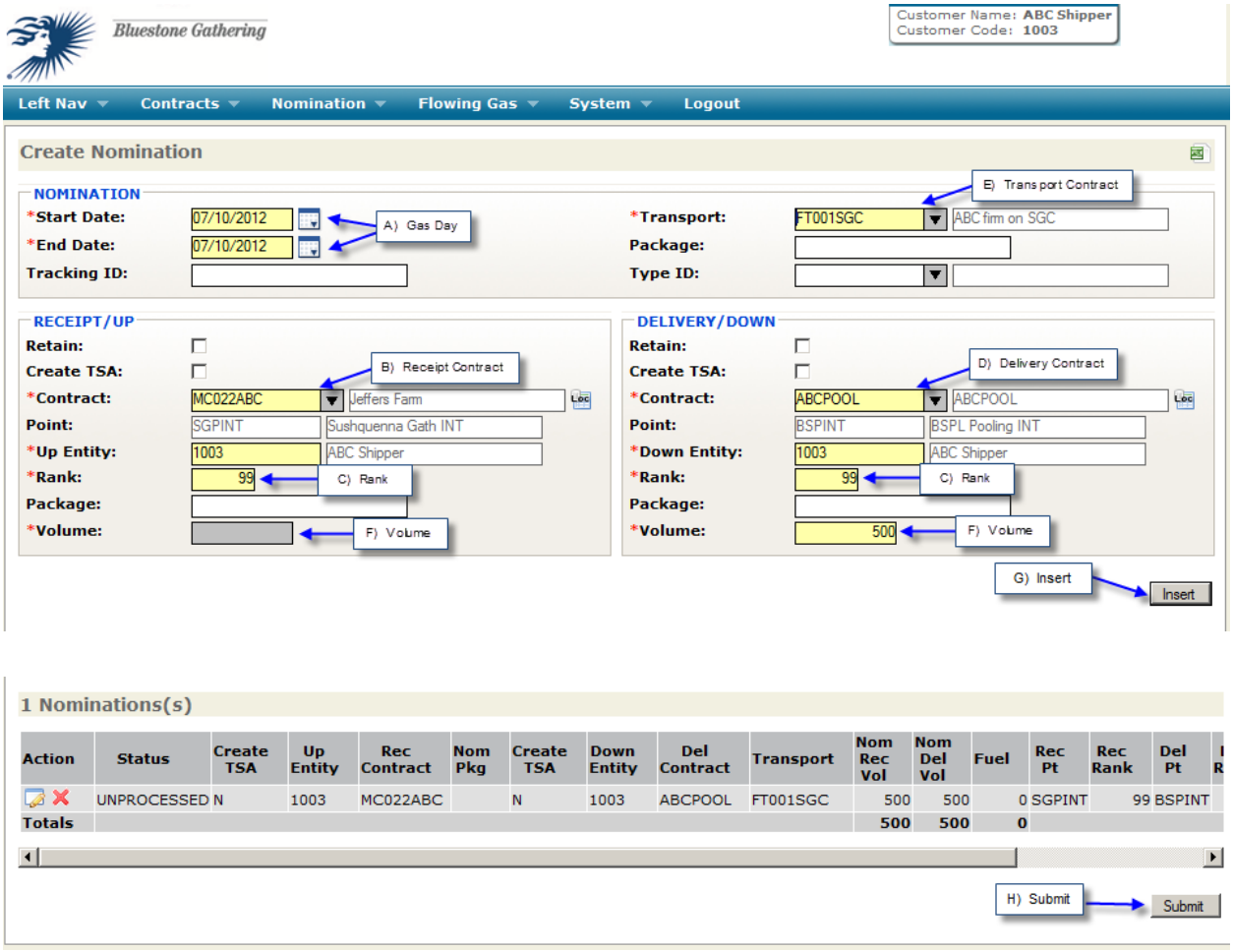
C. Rank – a numerical entry ranging from 1 – 99 is used to prioritize services during a cut situation. 1 will have the highest priority, while 99 has the lowest priority and will be cut first. The system will default to 99 but can be changed during the nomination process.
D. Delivery Contract – Enter the delivery contract or pick from the lov using the drop down arrow. Once selected, "Point" and "Down Entity" will populate based on selection.

**Please select a row from the table below:**

| Code | Type Name | Location | Start Date | End Date | Name |
|---|---|---|---|---|---|
| ABCPOOL | Bluestone Pool | BSPINT | 05/01/2012 | 12/31/2020 | ABCPOOL |
| ABCTGP1 | InterconnectTSA | LAKE LOOM | 05/22/2012 | 03/31/2019 | ABCTGP1 |
| MPCABC | InterconnectTSA | SANFORD | 06/28/2012 | 03/31/2019 | MPCABC |

E. Transport Contract - – Enter the transport contract or pick from the lov using the drop down arrow.
F. Volume – Either the receipt or delivery volume can be entered. The system will calculate the corresponding volume based on the fuel % for the contract(s).
G. Insert – Executing the "Insert" button will place the nomination in the table, waiting for the user to "Submit" the nomination. This will allow the user to make changes or delete the nomination before it has been submitted.
H. Submit – Once a user is satisfied with the nominations(s) created, the "Submit" button must be executed to validate and process the nominations.

I. Checking the "Retain" feature will retain the selections in the given block. This feature is beneficial when duplicate data is being submitted for the receipt or delivery sections.

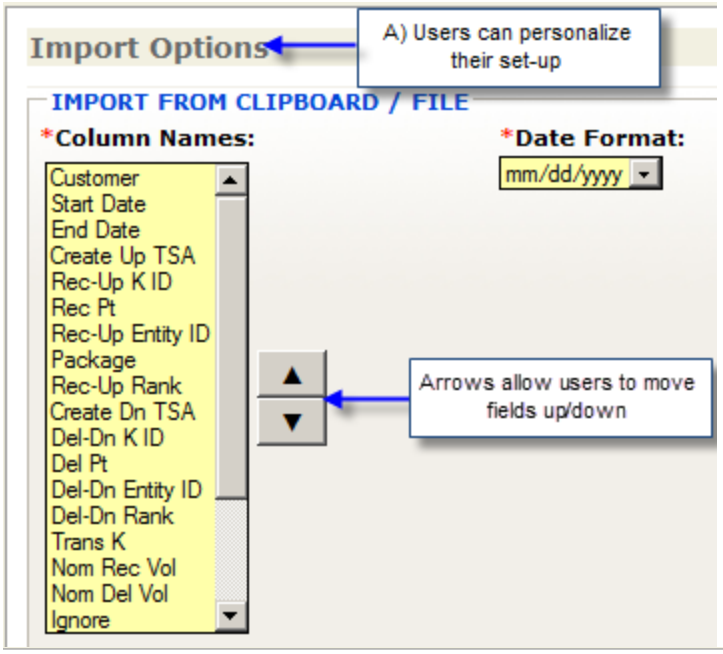


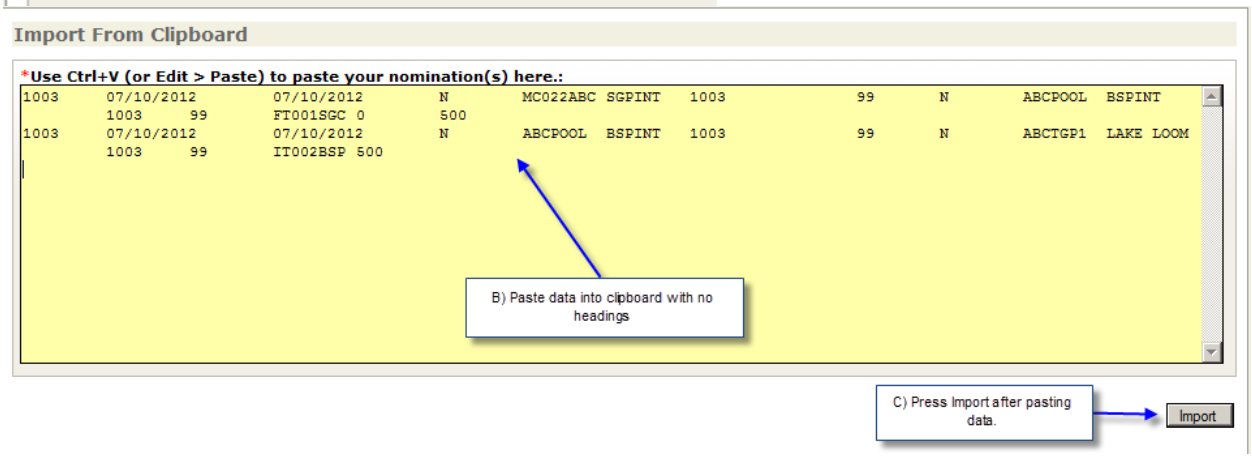

### 5.1.2 Import From Clipboard

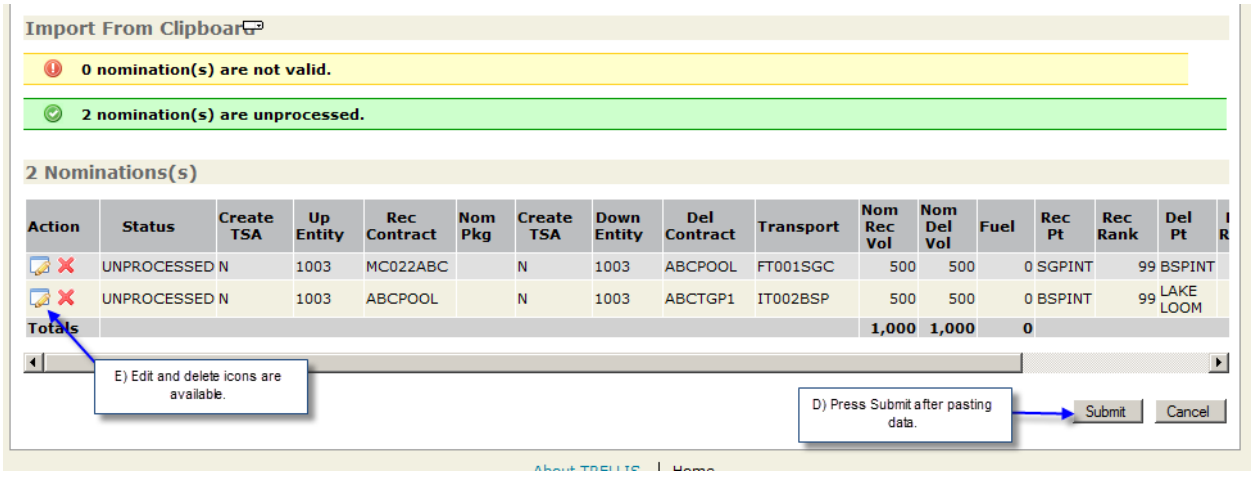
This method allows users to copy their nomination(s) into a Clipboard box previously created in another application such as Excel. A sample template can be found under the "Forms" section at www.dtepipeline.com, Bluestone Gathering.

A. Confirm that the import set-up is accurate by comparing the headings in the sample template to the headings in the "Import Options" screen . This only needs to be done once per user.
B. Copy data only from Excel, paste into Trellis clipboard. User can modify data in clipboard if needed.
C. Execute "Import" button to place data into Trellis table.
D. Execute "Submit" button to validate and process nomination.

E. User can also modify/delete the nomination prior to submission by executing the related icon.





Import From Clipboard
*Use Ctrl+V (or Edit > Paste) to paste your nomination(s) here.:
1003 07/10/2012 07/10/2012 N MC022ABC SGPINT 1003 99 N ABCPOOL BSPINT
1003 99 FT001SGC 0 500
1003 07/10/2012 07/10/2012 N ABCPOOL BSPINT 1003 99 N ABCTGP1 LAKE LOOM
1003 99 IT002BSP 500
B) Paste data into clipboard with no headings
C) Press Import after pasting data.
Import


Import From Clipboard
0 nomination(s) are not valid.
2 nomination(s) are unprocessed.
2 Nominations(s)
Action Status Create TSA Up Entity Rec Contract Nom Pkg Create TSA Down Entity Del Contract Transport Nom Rec Vol Nom Del Vol Fuel Rec Pt Rec Rank Del Pt
UNPROCESSED N 1003 MC022ABC N 1003 ABCPOOL FT001SGC 500 500 0 SGPINT 99 BSPINT
UNPROCESSED N 1003 ABCPOOL N 1003 ABCTGP1 IT002BSP 500 500 0 BSPINT 99 LAKE LOOM
Totals 1,000 1,000 0
E) Edit and delete icons are available.
D) Press Submit after pasting data.
Submit
Cancel

### 5.1.3 Import From File

Using the same import options as shown in 2A, users can import either a comma delimited (csv extension) or tab delimited (txt extension) file directly into Trellis.

## 5.2 Modifying Nominations

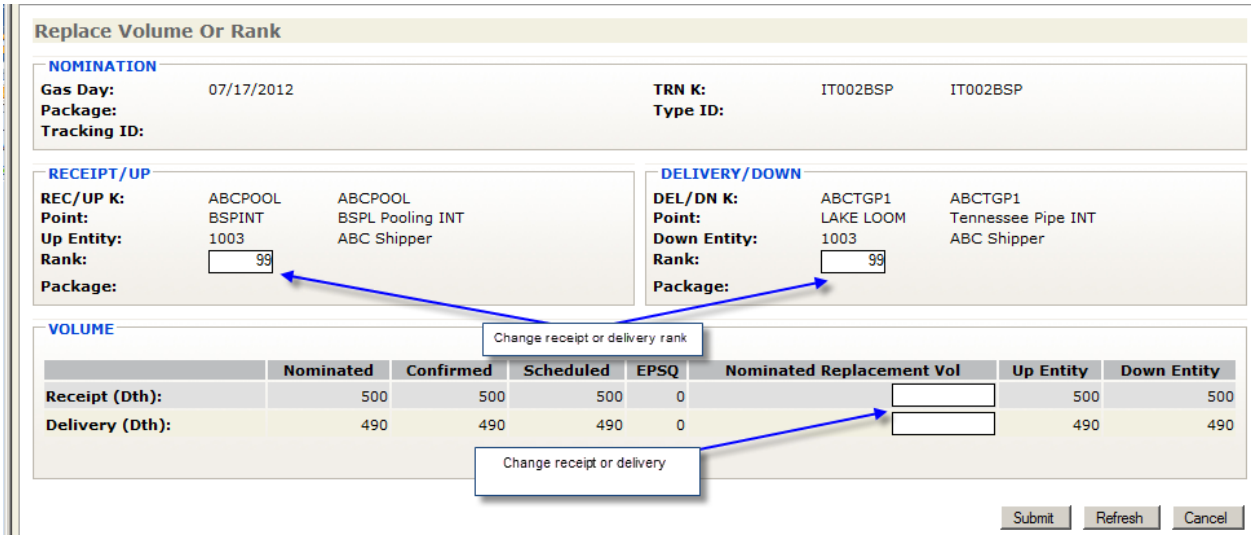
To change the volume or rank on an existing nomination, retrieve the desired nomination through the query screens under the "Manage Nominations" menu. There are several areas in Trellis that an existing nomination can be queried, all function the same once the nomination has been queried.

Once the nomination is available on the screen, execute the "edit" icon to modify the volume and/or rank.

| Action | Gas Day | Tracking ID | REC/UP K | Rec Pt | DEL/DN K | Del Pt | TRN K | Package | Nom Rec Vol | Nom Del Vol | Nom Fuel |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 07/17/2012 | | ABCPOOL | BSPINT | ABCTGP1 | LAKE LOOM | IT002BSP | | 500 | 490 | 10 |
| | 07/17/2012 | | MC022ABC | SGPINT | ABCPOOL | BSPINT | FT001SGC | | 500 | 500 | 0 |
| **Totals:** | | | | | | | | | **1,000** | **990** | **10** |

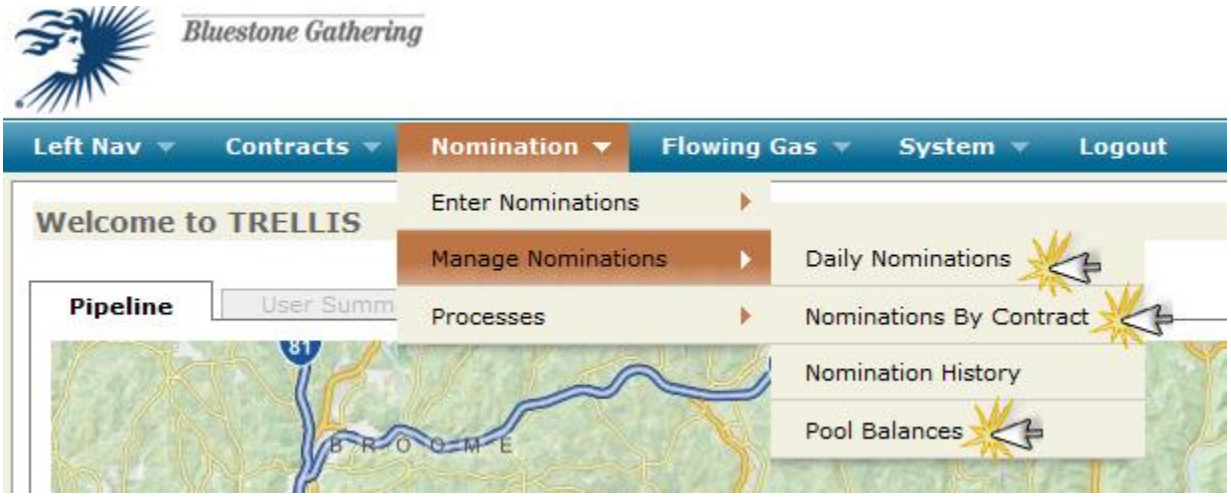
Execute the edit icon

You can now change the volume or rank in the white fields. Submitting the nomination when finished.




## 5.3 Review Nominations

Nominations can be viewed for related confirmation and scheduled quantities through the query screens. Detailed information will be available for the most recent cycle processed per NAESB guidelines. Note, that this information is also available through Trellis reports. A list of reports can be found in section 7.0.



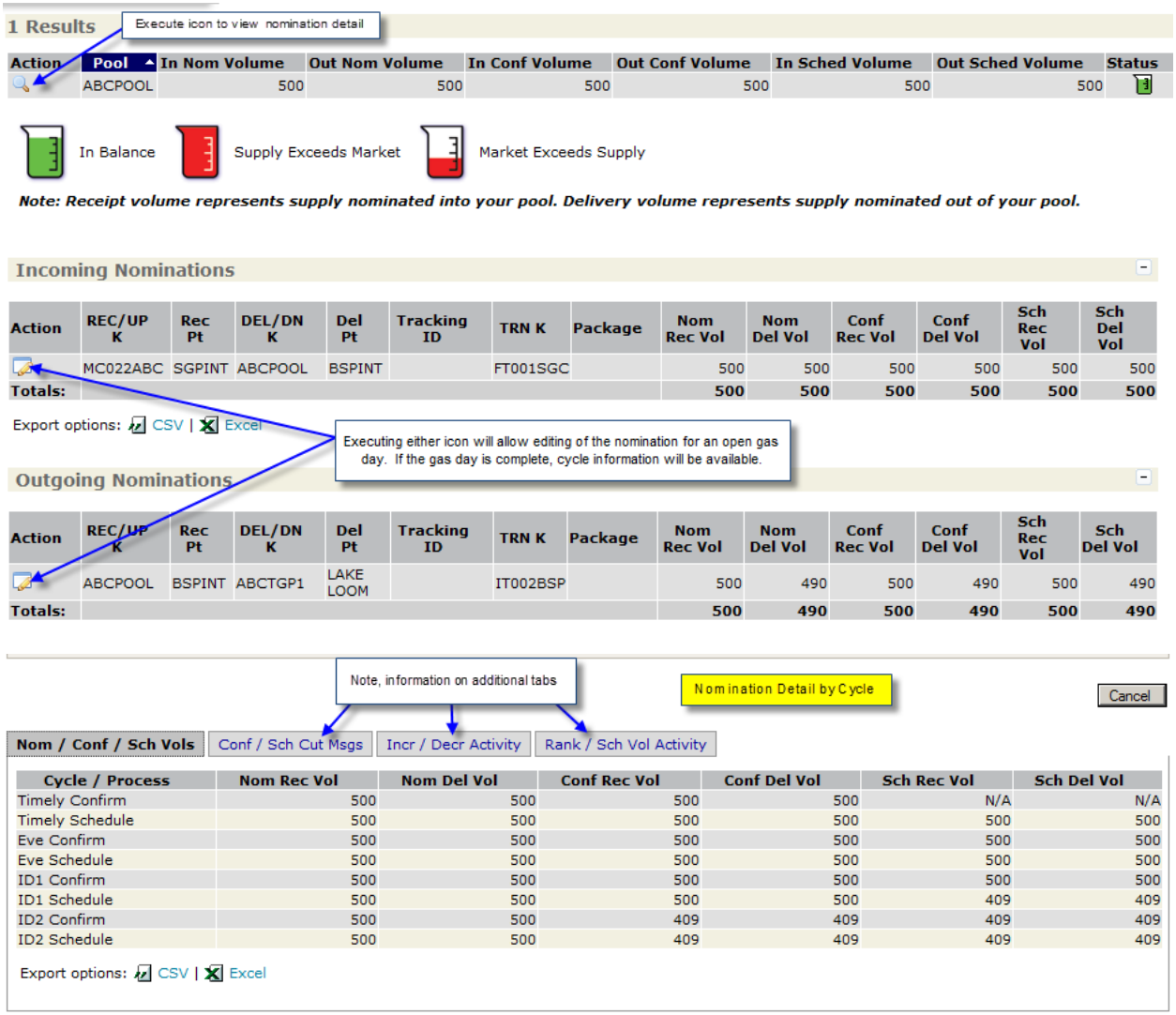

2 Results

Confirmation Volumes | Scheduled Volumes

| Tracking ID | REC/UP K | Rec Pt | DEL/DN K | Del Pt | TRN K | Package | Nom Rec Vol | Nom Del Vol | Nom Fuel | Conf Rec Vol | Conf Del Vol | Conf Fuel | Sch Rec Vol | Sch Del Vol | Sch Fuel | Up Entity Code | Down Entity Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ABCPOOL | BSPINT | ABCTGP1 | LAKE LOOM | IT002BSP | | 500 | 490 | 10 | 500 | 490 | 10 | 500 | 490 | 10 | 1003 | 1003 |
| | MC022ABC | SGPINT | ABCPOOL | BSPINT | FT001SGC | | 500 | 500 | 0 | 500 | 500 | 0 | 500 | 500 | 0 | 1003 | 1003 |
| | | | | | | | **1,000** | **990** | **10** | **1,000** | **990** | **10** | **1,000** | **990** | **10** | | |

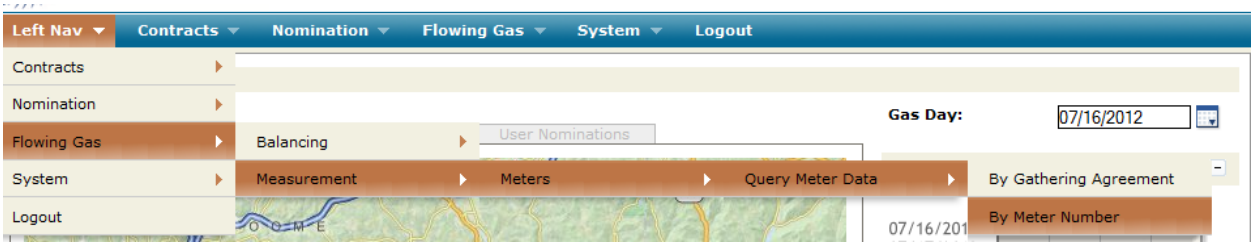
## 5.4 Pool Balances

In addition to querying nominations, the pool balance screen also displays nominations that involve a receipt or delivery into a customer's pooling area. Data can be viewed daily to ensure a balanced pool.

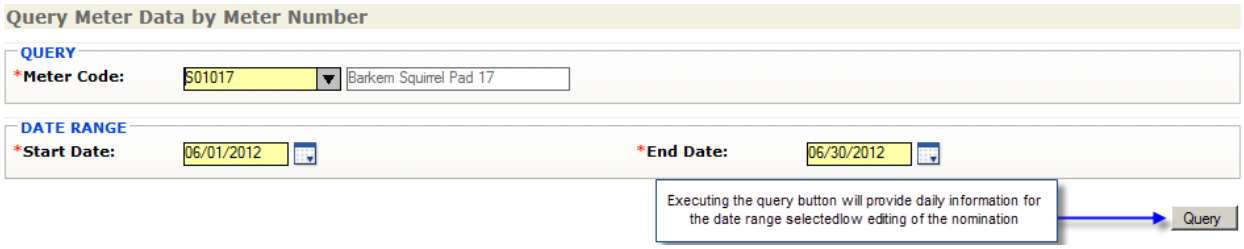


# 6.0 Flowing Gas

Daily measurement and imbalance information is available through the Flowing Gas menu.




Using the drop down menu, users can choose the meter and date range they wish to view.



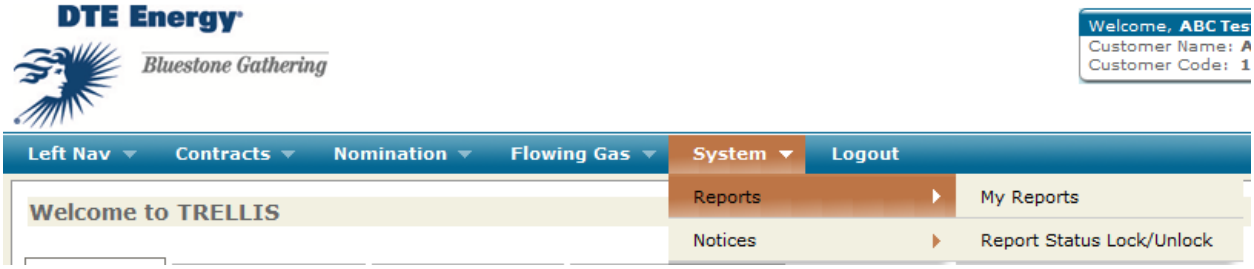

By executing the "Query" button, daily measurement, scheduled volumes, and calculated imbalance will display for the meter selected.

30 Results

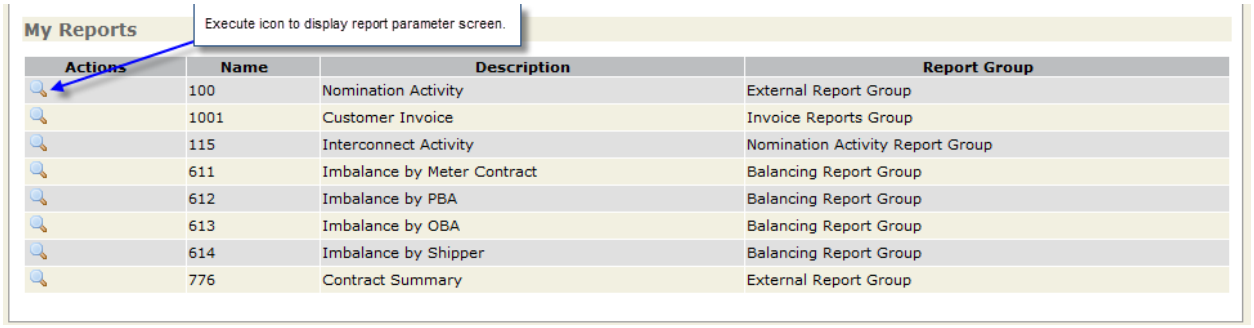
| Meter Code | Meter Type | Date | Read Type | MCF | BTU | MMBTU | Scheduled Volume | Imbalance |
|---|---|---|---|---|---|---|---|---|
| S01017 | Production | 06/01/2012 | ACTUAL | 6,169 | 1.013 | 6,247 | 500 | 5,747 |
| S01017 | Production | 06/02/2012 | ACTUAL | 5,931 | 1.011 | 5,996 | 5,652 | 344 |
| S01017 | Production | 06/03/2012 | ACTUAL | 11,737 | 1.011 | 11,866 | 652 | 11,214 |
| S01017 | Production | 06/04/2012 | ACTUAL | 11,795 | 1.006 | 11,860 | 652 | 11,208 |
| S01017 | Production | 06/05/2012 | ACTUAL | 5,845 | 1.013 | 5,919 | 652 | 5,267 |
| S01017 | Production | 06/06/2012 | ACTUAL | 5,606 | 1.011 | 5,669 | 10,500 | -4,831 |
| S01017 | Production | 06/07/2012 | ACTUAL | 11,108 | 1.011 | 11,230 | 652 | 10,578 |
| S01017 | Production | 06/08/2012 | ACTUAL | 11,163 | 1.006 | 11,225 | 652 | 10,573 |
| S01017 | Production | 06/09/2012 | | 0 | 0.000 | 0 | 652 | -652 |
| S01017 | Production | 06/10/2012 | | 0 | 0.000 | 0 | 652 | -652 |
| S01017 | Production | 06/11/2012 | | 0 | 0.000 | 0 | 651 | -651 |
| S01017 | Production | 06/12/2012 | ESTIMATED | 5 | 1.016 | 5 | 537 | -532 |
| S01017 | Production | 06/13/2012 | | 0 | 0.000 | 0 | 650 | -650 |

# 7.0 Reports

Trellis reports are available in PDF, Word, and Excel output. Each report will have a different parameter screen guiding you through the required fields.

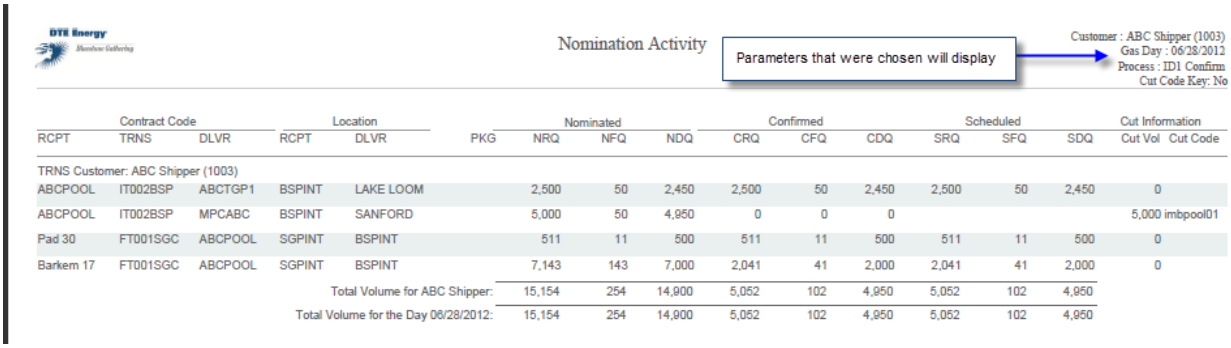



Listing of available reports


My Reports
Execute icon to display report parameter screen.
Actions
Name
Description
Report Group
100 Nomination Activity External Report Group
1001 Customer Invoice Invoice Reports Group
115 Interconnect Activity Nomination Activity Report Group
611 Imbalance by Meter Contract Balancing Report Group
612 Imbalance by PBA Balancing Report Group
613 Imbalance by OBA Balancing Report Group
614 Imbalance by Shipper Balancing Report Group
776 Contract Summary External Report Group

## Nomination Activity (#100)

Provides nomination, confirmation, scheduling, and cut details for a day and cycle.


DTE Energy
Nomination Activity
Parameters that were chosen will display
Customer : ABC Shipper (1003)
Gas Day : 06/28/2012
Process : ID1 Confirm
Cut Code Key: No
Contract Code
Location
Nominated
Confirmed
Scheduled
Cut Information
RCPT TRNS DLVR RCPT DLVR PKG NRQ NFQ NDQ CRQ CFQ CDQ SRQ SFQ SDQ Cut Vol Cut Code
TRNS Customer: ABC Shipper (1003)
ABCPOOL IT002BSP ABCTGP1 BSPINT LAKE LOOM 2,500 50 2,450 2,500 50 2,450 2,500 50 2,450 0
ABCPOOL IT002BSP MPCABC BSPINT SANFORD 5,000 50 4,950 0 0 0 5,000 imbpool01
Pad 30 FT001SGC ABCPOOL SGPINT BSPINT 511 11 500 511 11 500 511 11 500 0
Barkem 17 FT001SGC ABCPOOL SGPINT BSPINT 7,143 143 7,000 2,041 41 2,000 2,041 41 2,000 0
Total Volume for ABC Shipper: 15,154 254 14,900 5,052 102 4,950 5,052 102 4,950
Total Volume for the Day 06/28/2012: 15,154 254 14,900 5,052 102 4,950 5,052 102 4,950

## Customer Invoice (#1001)

Provides volume and dollar information for monthly activity.

DTE Energy
Bluestone Gathering

DTE Bluestone
MONTHLY INVOICE

Invoice Identifier: 234
06/01/2012 -06/30/2012
ABC Shipper
MSA Contract: MSA1003

| CUSTOMER INFORMATION | BILLING INFORMATION | | PAYMENT INFORMATION | |
|---|---|---|---|---|
| | | | US MAIL | ELECTRONIC TRANSFER |
| ABC Shipper<br>Abc Test<br>123 Corporate Lane<br><br>Detroit,MI 99999 | Invoice Identifier<br>Invoice Date<br>Billing Period<br>Due Date | 234<br>07/17/2012<br>06/01/2012- 06/30/2012<br>07/13/2012 | | DTE Bluestone<br>Account # 123456789<br>ACH ABA# 123456789<br>Wire ABA# 123456789 |

| | |
|---|---|
| Total Charges : | $ 9,270.75 |
| Total Net Prior Month Adjustments : | $ 0.00 |
| Total Contract Dollar Value Adjustments : | |
| Total Cashouts : | |
| Amount Due : | $ 9,270.75 |

DTE Energy
Bluestone Gathering

DTE Bluestone
CHARGES

Invoice Identifier: 234
06/01/2012 -06/30/2012
ABC Shipper
MSA Contract: MSA1003

Current Month Charges

| | Charge Type | RCPT Zone | DLVR Zone | Tier Group | Quantity (Dth) | Rate ($) | Total ($) |
|---|---|---|---|---|---|---|---|
| Contract: IT002BSP Type: IT | | | | | | | |
| | Commodity Monthly SB | | | 0 - 100% | 37,083 | 0.250000 | 9,270.75 |
| | | | | | | Total for IT002BSP: | 9,270.75 |
| | | | | | | Total for MSA1003: | 9,270.75 |

DTE Energy
Bluestone Gathering

DTE Bluestone
VOLUME SUMMARY

Invoice Identifier: 234
06/01/2012 -06/30/2012
ABC Shipper
MSA Contract: MSA1003

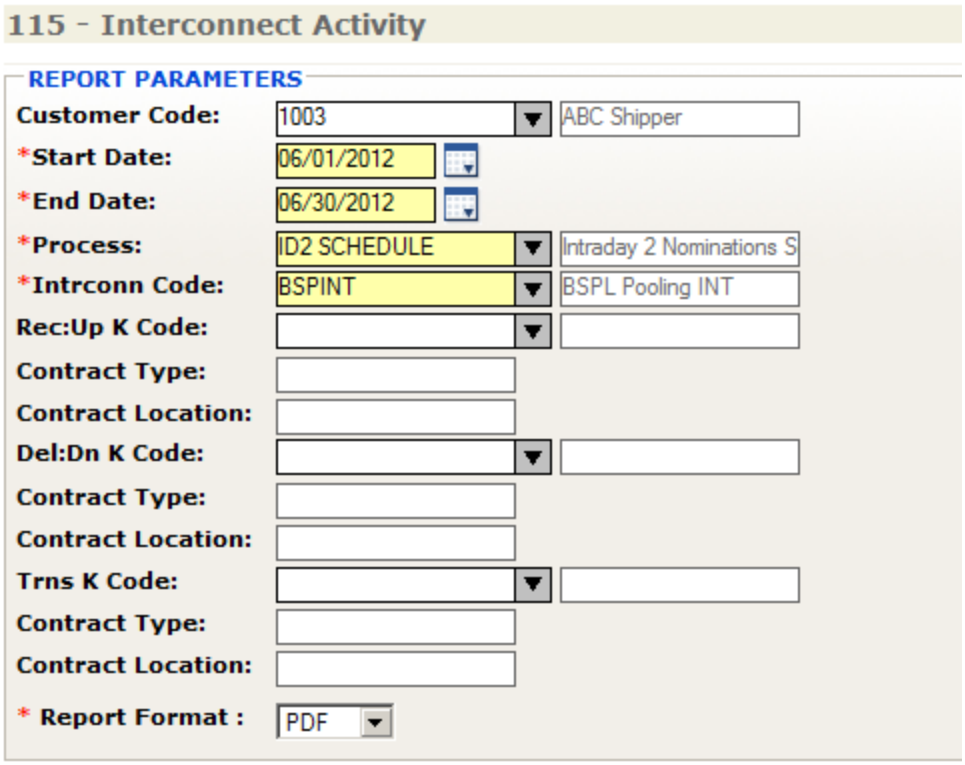
Scheduled Quantities

Contract :IT002BSP Type: IT

| Contract Code | | | Location Code | | | |
|---|---|---|---|---|---|---|
| RCPT | TRNS | DLVR | RCPT | DLVR | PKG | DLVR Quantity (Dth) |
| ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 32,583 |
| ABCPOOL | IT002BSP | MPCABC | BSPINT | SANFORD | | 4,500 |
| | | | | | Total for IT002BSP: | 37,083 |

## Interconnect Activity (#115)

The report provides many reporting options based on the filters selected in the parameter screen.




DTE Energy

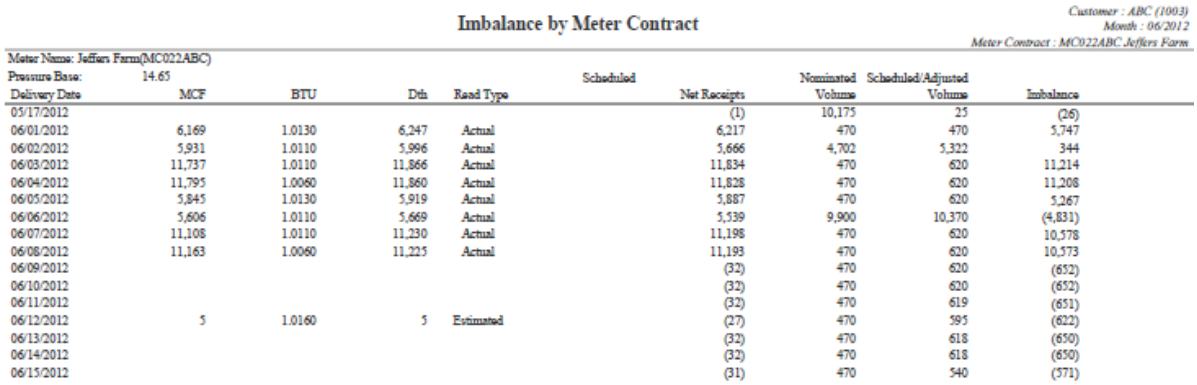
Interconnect Activity

Customer : ABC Shipper
Date Range : 06/01/2012 - 06/30/2012
Process : ID2 Schedule
Interconnect Location BSPL Pooling INT (BSPINT)
RCPT Contract Code: ALL
DLVR Contract Code: ALL
TRNS Contract Code: ALL

| | Contract Code | | | Location | | | Nominated | | | Confirmed | | | Scheduled | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gas Day | RCPT | TRNS | DLVR | RCPT | DLVR | PKG | NRQ | NFQ | NDQ | CRQ | CFQ | CDQ | SRQ | SFQ | SDQ |
| RCPT Location: BSPINT | | | | | | | | | | | | | | | |
| RCPT Contract: ABCPOOL | | | | | | | | | | | | | | | |
| TRNS Customer: ABC Shipper (1003) | | | | | | | | | | | | | | | |
| 06/01/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |
| 06/02/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |
| 06/03/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |
| 06/04/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |
| 06/05/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |
| 06/06/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |
| 06/07/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |
| 06/08/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |
| 06/09/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |
| 06/10/2012 | ABCPOOL | IT002BSP | ABCTGP1 | BSPINT | LAKE LOOM | | 500 | 10 | 490 | 500 | 10 | 490 | 500 | 10 | 490 |

## Imbalance by Meter Contract (#611)

Provides daily imbalance for all meters as well as a summary of all meters.



**Imbalance by Meter Contract**

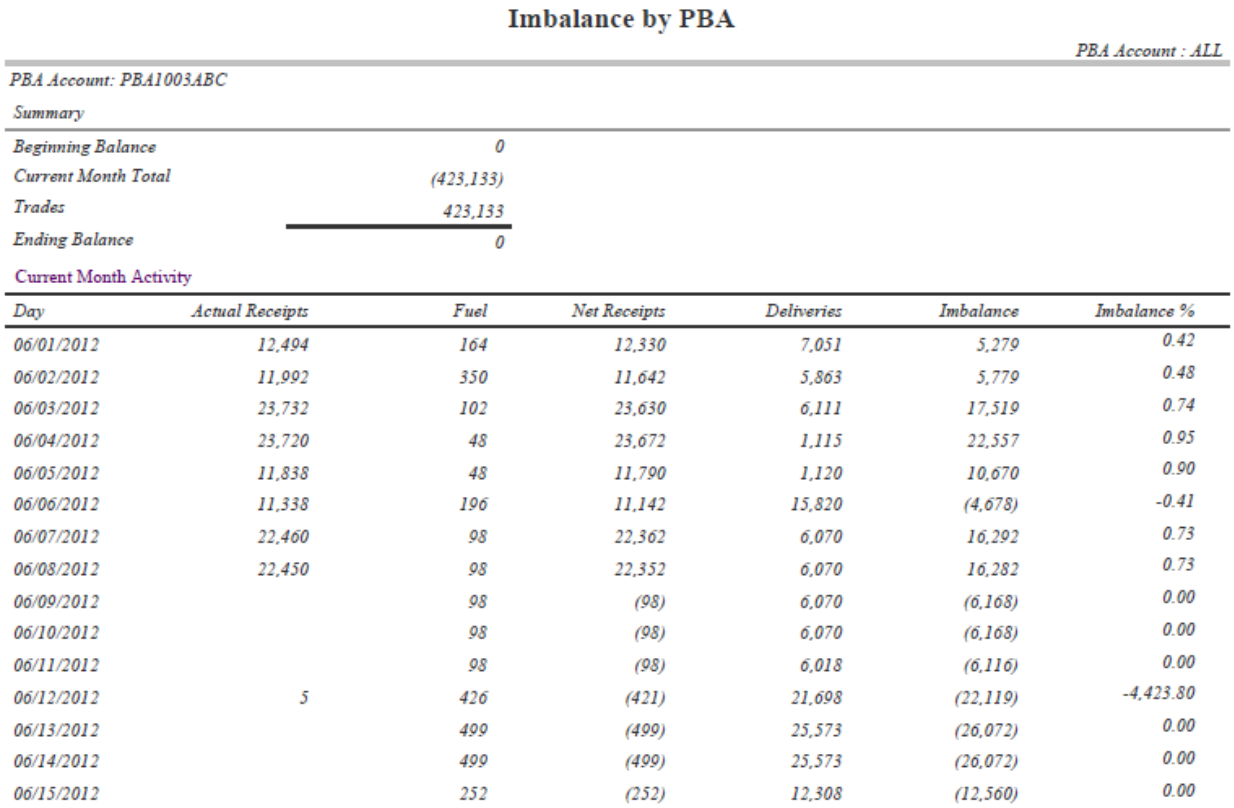
*Customer : ABC (1003)*
*Month : 06/2012*
*Meter Contract : MC022ABC Jeffers Farm*

Meter Name: Jeffers Farm(MC022ABC)
Pressure Base: 14.65

| Delivery Date | MCF | BTU | Dth | Read Type | Scheduled Net Receipts | Nominated Volume | Scheduled/Adjusted Volume | Imbalance |
|---|---|---|---|---|---|---|---|---|
| 05/17/2012 | | | | | (1) | 10,175 | 25 | (26) |
| 06/01/2012 | 6,169 | 1.0130 | 6,247 | Actual | 6,217 | 470 | 470 | 5,747 |
| 06/02/2012 | 5,931 | 1.0110 | 5,996 | Actual | 5,666 | 4,702 | 5,322 | 344 |
| 06/03/2012 | 11,737 | 1.0110 | 11,866 | Actual | 11,834 | 470 | 620 | 11,214 |
| 06/04/2012 | 11,795 | 1.0060 | 11,860 | Actual | 11,828 | 470 | 620 | 11,208 |
| 06/05/2012 | 5,845 | 1.0130 | 5,919 | Actual | 5,887 | 470 | 620 | 5,267 |
| 06/06/2012 | 5,606 | 1.0110 | 5,669 | Actual | 5,539 | 9,900 | 10,370 | (4,831) |
| 06/07/2012 | 11,108 | 1.0110 | 11,230 | Actual | 11,198 | 470 | 620 | 10,578 |
| 06/08/2012 | 11,163 | 1.0060 | 11,225 | Actual | 11,193 | 470 | 620 | 10,573 |
| 06/09/2012 | | | | | (32) | 470 | 620 | (652) |
| 06/10/2012 | | | | | (32) | 470 | 620 | (652) |
| 06/11/2012 | | | | | (32) | 470 | 619 | (651) |
| 06/12/2012 | 5 | 1.0160 | 5 | Estimated | (27) | 470 | 595 | (622) |
| 06/13/2012 | | | | | (32) | 470 | 618 | (650) |
| 06/14/2012 | | | | | (32) | 470 | 618 | (650) |
| 06/15/2012 | | | | | (31) | 470 | 540 | (571) |

## Imbalance by PBA (#612)

Provides daily imbalance and trades for PBA(s) once the month has been finalized and closed.



**Imbalance by PBA**

*PBA Account : ALL*

*PBA Account: PBA1003ABC*

*Summary*

| | |
|---|---|
| *Beginning Balance* | *0* |
| *Current Month Total* | *(423,133)* |
| *Trades* | *423,133* |
| *Ending Balance* | *0* |

Current Month Activity

| *Day* | *Actual Receipts* | *Fuel* | *Net Receipts* | *Deliveries* | *Imbalance* | *Imbalance %* |
|---|---|---|---|---|---|---|
| *06/01/2012* | *12,494* | *164* | *12,330* | *7,051* | *5,279* | *0.42* |
| *06/02/2012* | *11,992* | *350* | *11,642* | *5,863* | *5,779* | *0.48* |
| *06/03/2012* | *23,732* | *102* | *23,630* | *6,111* | *17,519* | *0.74* |
| *06/04/2012* | *23,720* | *48* | *23,672* | *1,115* | *22,557* | *0.95* |
| *06/05/2012* | *11,838* | *48* | *11,790* | *1,120* | *10,670* | *0.90* |
| *06/06/2012* | *11,338* | *196* | *11,142* | *15,820* | *(4,678)* | *-0.41* |
| *06/07/2012* | *22,460* | *98* | *22,362* | *6,070* | *16,292* | *0.73* |
| *06/08/2012* | *22,450* | *98* | *22,352* | *6,070* | *16,282* | *0.73* |
| *06/09/2012* | | *98* | *(98)* | *6,070* | *(6,168)* | *0.00* |
| *06/10/2012* | | *98* | *(98)* | *6,070* | *(6,168)* | *0.00* |
| *06/11/2012* | | *98* | *(98)* | *6,018* | *(6,116)* | *0.00* |
| *06/12/2012* | *5* | *426* | *(421)* | *21,698* | *(22,119)* | *-4,423.80* |
| *06/13/2012* | | *499* | *(499)* | *25,573* | *(26,072)* | *0.00* |
| *06/14/2012* | | *499* | *(499)* | *25,573* | *(26,072)* | *0.00* |
| *06/15/2012* | | *252* | *(252)* | *12,308* | *(12,560)* | *0.00* |

## Imbalance by OBA (#613)

Provides daily imbalance and trades for customers that have OBA agreements on Bluestone.

**Imbalance by OBA**

Month : 06/2012

*Meter Name: ABC Company (B123456)*

*Pressure Base:* 14.73

*Summary*

| | |
|---|---|
| *Beginning Balance* | *451,905* |
| *Current Month Total* | *345,716* |
| *Trades/Cashouts* | *(814,358)* |
| *Ending Balance* | *(16,737)* |

| *Delivery Date* | *Volume* | *Scheduled/Adjusted Volume* | *Imbalance* |
|---|---|---|---|
| *05/30/2012* | | *(10)* | |
| *05/31/2012* | | *(55)* | |
| *06/01/2012* | | *5,861* | |
| *06/02/2012* | | *1,109* | |
| *06/03/2012* | | *5,861* | |
| *06/04/2012* | | *1,109* | |
| *06/05/2012* | | *1,114* | |
| *06/06/2012* | | *10,550* | |
| *06/07/2012* | | *5,866* | |
| *06/08/2012* | | *5,866* | |
| *06/09/2012* | | *5,866* | |

## Imbalance by Shipper (#614)

Provides a monthly summary of meter imbalances.

**Imbalance by Shipper**

| *Meter Contract* | *Meter Name* | *Meter Code* | *Pressure* | | *BTU* | *Monthly Volume Dth* | *Scheduled Fuel* | *Net Receipts* | *Scheduled/Adjusted* | *Imbalance* |
|---|---|---|---|---|---|---|---|---|---|---|
| *MC022ABC* | *Jeffers Farm* | *MC022ABC* | *14.65* | *20,811* | *1.1060* | *21,008* | *499* | *20,509* | *24,303* | *(3,793)* |
| *MC030ABC* | *Cramer Pad* | *MC030ABC* | | | | | *298* | *(298)* | *13,496* | *(13,794)* |
| | | | *TOTAL* | *20,810* | | *21,008* | *797* | *20,211* | *37,799* | *(17,587)* |

Negative Balance indicates Owed to Service Provider, Positive Balance indicates Owed by Service Provider.

07/17/2012 12:59 PM z Page 1 of 1 Report # 614

## Contract Summary (#776)

Provides a listing of customer's contracts with basic information.

DTE Energy
Blue Water Gathering

Contract Summary

Customer : 1003 ABC
Contract Type: ALL
Versions: LATEST

| Version | Contract Code | Contract Name | Deal Type | Start Date | End Date | Location | Firm/IT | Std/Neg | TOP Freq. | TOP % | Spcl STA | E Status | Notify Status | Created Date | Created By | Updated Date | Updated By |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Customer: ABC Shipper (1003) | | | | | | | | | | | | | | | | | |
| MSA Contract: MSA1003 | | | | | | | | | | | | | | | | | |
| 1 | ABCPOOL | ABCPOOL | Pool | 05/01/2012 | 12/31/2020 | BSPL Pooling INT | IT | Standard | | 0.00 | | | | 05/17/2012 | Linda Soulliere | 05/17/2012 | Linda Soulliere |
| 4 | FT001BSP | FT001BSP | Transportation | 04/01/2012 | 04/30/2012 | BSPATH | Firm | Negotiated | No TOP | 0.00 | | Not E-Confirmed | Initial | 04/30/2012 | Linda Soulliere | 05/24/2012 | Linda Soulliere |
| 3 | FT001SGC | FT001SGC | Transportation | 05/01/2012 | 12/31/2012 | SGPATH | Firm | Negotiated | No TOP | 0.00 | | Not E-Confirmed | Initial | 04/30/2012 | Linda Soulliere | 06/28/2012 | Linda Soulliere |
| 9 | IT002BSP | IT002BSP | Transportation | 05/01/2012 | 07/31/2012 | BSPATH | IT | Negotiated | No TOP | 0.00 | | Not E-Confirmed | Initial | 04/30/2012 | Linda Soulliere | 07/09/2012 | Linda Soulliere |
| 3 | MC022ABC | Jeffers Farm | Production | 05/01/2012 | 12/31/2020 | Sushquenna Gath INT | Firm | Negotiated | | 0.00 | | | | 05/17/2012 | Linda Soulliere | 06/28/2012 | Linda Soulliere |
| 4 | MC030ABC | Pad 30 | Production | 06/01/2012 | 12/31/2012 | Sushquenna Gath | Firm | Negotiated | | 0.00 | | | | 05/29/2012 | Linda | 06/28/2012 | Linda |